

Water Audit Level 1 Validation Document

Audit Information:

Water Supplier Name: Orchard Dale Water District PWS ID: 1910101

System Type: Potable Audit Period: 2019/2020

Utility Representation: Randy Silvett (Superintendent) Ed Castaneda (General Manager)

Validation Date: 9/28/2020 Call Time: 12:00 pm Sufficient Supporting Documents Provided: **yes**

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 78 Data Validity Band (Level): Band IV (71-90)

ILI: 1.02 Real Loss: 12.89(Gal/Conn/Day) Apparent Loss: 8.65 (Gal/Conn/Day)

Non-revenue water as percent of cost of operating system: 2.9%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Validator Information:

Water Audit Validator : Ronald Richard Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

Level 1 Validation Document

Water System Name: Orchard Dale Water District Water System ID Number: CA1910101 Water Audit Period:
Water Audit & Water Loss Improvement Steps: 2019/2020

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Installed 202 AMI Sensus Meters this past year

Small meter 15-year replacement program upgrade system wide to Sensus AMI

Annual testing of master meter supply meter to AWWA M36 Standards

Capital improvement program replacing aging mains

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Edward Castaneda
Executive Name (Print)

General Manager
Executive Position


Signature

9-28-20
Date